FLOATING POINT MULTIPLIER FOR DELIMITED OPERANDS

Abstract of the Disclosure

A method for providing a floating point product consistent with the present invention includes multiplying a subprecise operand and a non-subprecise operand using a plurality of intermediate stages. The method further includes correcting an error introduced by the subprecise operand by performing an operation in conjunction with a one of the plurality of intermediate stages utilizing a compensating summand.